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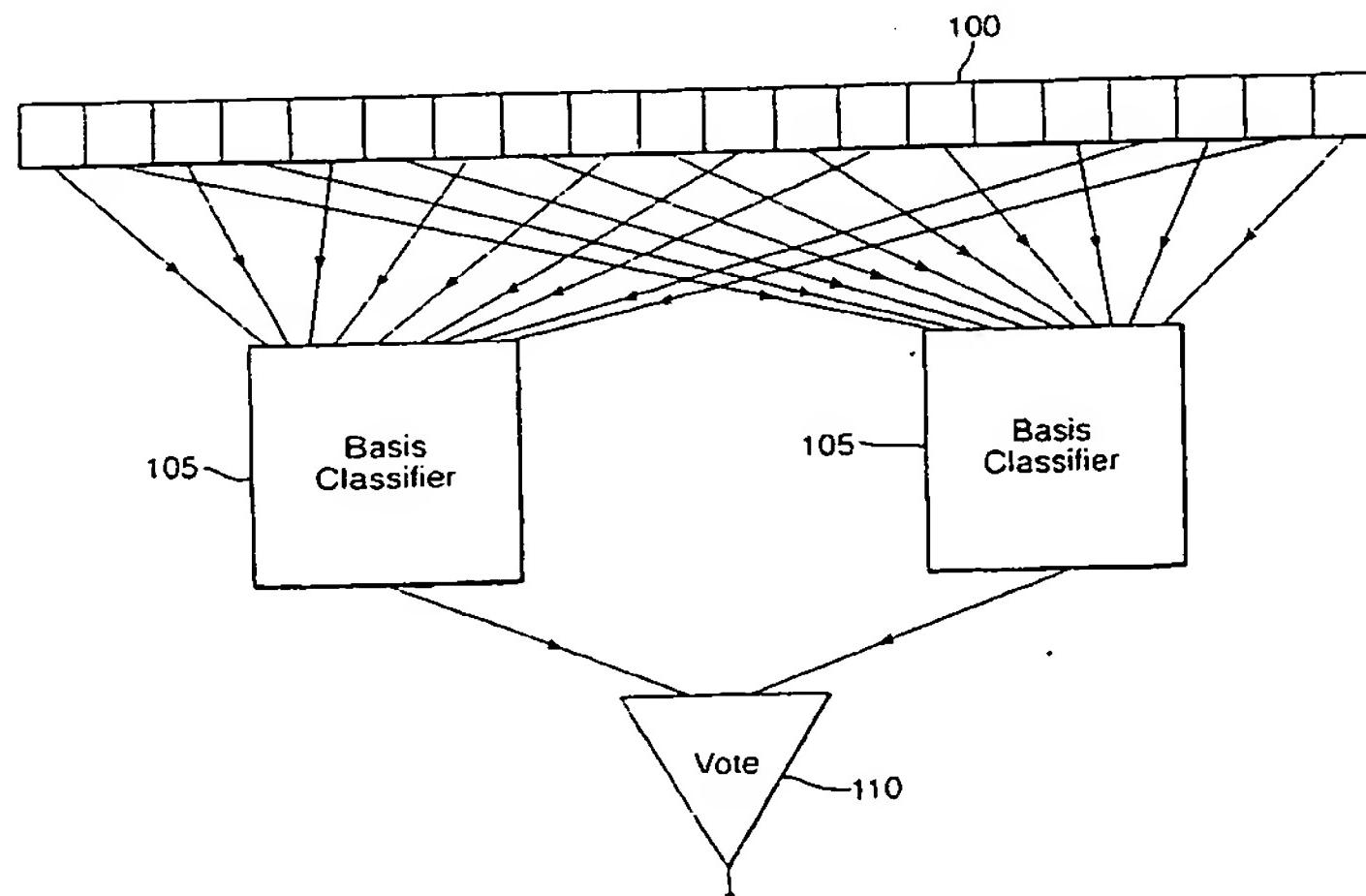
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(54) Title: IMAGE CLASSIFICATION



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(57) Abstract: An apparatus and method are provided for classifying elements in an image, in particular elements of a hyperspectral image, where an element is defined by a vector of feature values. The apparatus comprises classifier means comprising a number of classifiers each operable, in respect of an element to be classified, to receive a different predetermined subset of the feature values from the element feature vector and wherein, in operation, each classifier is trained in respect of a predetermined set of classes using training data representative of elements in each class; and combining means operable to combine outputs from the classifiers to determine which of the predetermined classes to associate with an element to be classified, wherein each of the different predetermined subsets of feature values comprise a different cyclic selection of the feature values such that, in operation, adjacent feature values in an element feature vector are input to different ones of the classifiers and all feature values are input to at least one classifier.

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